

L10 ANSWER 9 OF 10 USPATFULL

CLM What is claimed is:

1. A method of treating **acne** comprising topically applying to said **acne** a composition comprising an effective amount of benzoic acid in a topically acceptable vehicle for a period of time sufficient to effect a substantial clearing of **acne** lesions.

. . . acid; 2-hydroxy-2-methylbutanedioic acid; citric acid; isocitric acid; agaricic acid; quinic acid; glucuronic acid; glucuronolactone; galacturonic acid; galacturonolactone; uronic acids; uronolactones; **ascorbic** acid; dihydroascorbic acid; dihydroxytartaric acid; tropic acid; ribonolactone; gluconolactone; galactonolactone; gulonolactone; mannonolactone; ribonic acid; gluconic acid; citramalic acid; pyruvic acid;. . .

16. A method for topically treating **acne**, comprising topically applying a composition to said skin, said composition being prepared

by:

combining, simultaneously or in any order, at. . .

. . . acid; 2-hydroxy-2-methylbutanedioic acid; citric acid; isocitric acid; agaricic acid; quinic acid; glucuronic acid; glucuronolactone; galacturonic acid; galacturonolactone; uronic acids; uronolactones; **ascorbic** acid; dihydroascorbic acid; dihydroxytartaric acid; tropic acid; ribonolactone; gluconolactone; galactonolactone; gulonolactone; mannonolactone; ribonic acid; gluconic acid; citramalic acid; pyruvic acid;. . .

24. The method as claimed in claim 16, wherein said anti-**acne** agent is present in an amount of from 0.01 to 40 percent by weight, based on the total weight of. . .

25. The method as claimed in claim 1, wherein said composition further comprises at least one additional anti-**acne** agent selected from one or more of retinoids, salicylic acid, **benzoyl peroxide**, erythromycin, chlorhexidine and tetracycline.

27. The method as claimed in claim 25, wherein said additional anti-**acne** agent is salicylic acid.

28. The method as claimed in claim 25, wherein said additional anti-**acne** agent is **benzoyl peroxide**.

29. The method as claimed in claim 25, wherein said additional anti-**acne** agent is erythromycin.

30. The method as claimed in claim 25, wherein said additional anti-**acne** agent is chlorhexidine.

31. The method as claimed in claim 25, wherein said additional anti-**acne** agent is tetracycline.

32. The method as claimed in claim 16, wherein said composition further comprises at least one additional anti-**acne** agent selected from one or more of erythromycin, chlorhexidine and tetracycline.

34. The method as claimed in claim 32, wherein said additional anti-**acne** agent is salicylic acid.

35. The method as claimed in claim 32, wherein said additional anti-**acne** agent is **benzoyl peroxide**.

36. The method as claimed in claim 32, wherein said additional anti-



**acne** agent is erythromycin.

37. The method as claimed in claim 32, wherein said additional anti-**acne** agent is chlorhexidine.

38. The method as claimed in claim 32, wherein said additional anti-**acne** agent is tetracycline.

L10 ANSWER 6 OF 10 USPATFULL

CLM What is claimed is:

1. A method for the treatment of skin **acne** comprising the step of applying a composition directly to the skin comprising a base in an amount between about 25. . .

the 4. The method of claim 1, wherein said anti-oxidant is selected from the group consisting of **ascorbic** acid, tocopherol and beta-carotene.

5. The method of claim 4, wherein **ascorbic** acid is present in an amount between 0.45 and 2 weight percent, and wherein tocopherol is present in an amount. . .

15. The method of claim 14, wherein said peroxide is selected from the group consisting of hydrogen peroxide, **benzoyl peroxide**, acetyl peroxide, t-butyl peroxide, para chlorobenzoyl peroxide, and methyl ethyl ketone peroxide.

18. A method for the treatment of **acne** of the skin comprising the steps of: cleaning an area of the skin with an anti-bacterial cleanser; applying a small. . .

. . . of claim 18, wherein said base comprises water and a diluent; said anti-oxidant is selected from the group consisting of **ascorbic** acid, tocopherol and beta-carotene; and said herbal anti-bacterial product is selected from the group consisting of golden seal extract, tea. . .

L10 ANSWER 6 OF 10 USPTAFULL

CLM What is claimed is:

1. A method for the treatment of skin **acne** comprising the step of applying a composition directly to the skin comprising a base in an amount between about 25. . . .
4. The method of claim 1, wherein said anti-oxidant is selected from the group consisting of **ascorbic** acid, tocopherol and beta-carotene.
5. The method of claim 4, wherein **ascorbic** acid is present in an amount between 0.45 and 2 weight percent, and wherein tocopherol is present in an amount. . . .
15. The method of claim 14, wherein said peroxide is selected from the group consisting of hydrogen peroxide, **benzoyl peroxide**, acetyl peroxide, t-butyl peroxide, para chlorobenzoyl peroxide, and methyl ethyl ketone peroxide.
18. A method for the treatment of **acne** of the skin comprising the steps of: cleaning an area of the skin with an anti-bacterial cleanser; applying a small. . . .
- . . . of claim 18, wherein said base comprises water and a diluent; said anti-oxidant is selected from the group consisting of **ascorbic** acid, tocopherol and beta-carotene; and said herbal anti-bacterial product is selected from the group consisting of golden seal extract, tea. . . .
1. A method for the treatment of skin **acne** comprising the step of applying a composition directly to the skin comprising a base in an amount between about 25 and 60 weight percent, calamine in an amount between about 8 and 20 weight percent, an anti-oxidant in an amount between about 0.5 and 3 weight percent and an herbal anti-bacterial product in an amount between about 0.25 and 4 weight percent.
2. The method of claim 1, wherein the base comprises water in an amount between about 15 and 35 weight percent and a diluent in an amount between about 10 and 25 weight percent.
3. The method of claim 2, wherein the diluent is selected from the group consisting of glycerin and propylene glycol.
4. The method of claim 1, wherein said anti-oxidant is selected from the group consisting of **ascorbic** acid, tocopherol and beta-carotene.
5. The method of claim 4, wherein **ascorbic** acid is present in an amount between 0.45 and 2 weight percent, and wherein tocopherol is present in an amount between about 0.08 and 1 weight percent.
6. The method of claim 1, wherein said herbal anti-bacterial product is selected from the group consisting of golden seal extract, tea tree oil, echinacea, garlic, pau d'arco and red clover.
7. The method of claim 6, wherein said anti-bacterial product is tea tree oil in an amount between about 0.35 and 0.90 weight percent, and golden seal extract in an amount between about 1 and 3 weight percent.

8. The method of claim 1, further including an astringent in an amount between about 1 and 12 weight percent.
9. The method of claim 8, wherein said astringent is selected from the group consisting of witch hazel and alpha hydroxy acids.
10. The method of claim 9, wherein said astringent is witch hazel in an amount between about 3 and 10 weight percent.
11. The method of claim 1, further including an alcohol in an amount between about 3 and 10 weight percent.
12. The method of claim 11, wherein said alcohol is selected from the group consisting of ethyl alcohol and isopropyl alcohol.
13. The method of claim 12, wherein said alcohol is ethyl alcohol in an amount between about 3 and 8 weight percent.
14. The method of claim 1, further including a peroxide in an amount between about 3 and 8 weight percent.
15. The method of claim 14, wherein said peroxide is selected from the group consisting of hydrogen peroxide, **benzoyl peroxide**, acetyl peroxide, t-butyl peroxide, para chlorobenzoyl peroxide, and methyl ethyl ketone peroxide.
16. The method of claim 1, further including zinc oxide in an amount between about 8 and 20 weight percent.
17. The method of claim 1, further including aloe vera gel in an amount between about 0.01 and 0.05 weight percent.
18. A method for the treatment of **acne** of the skin comprising the steps of: cleaning an area of the skin with an anti-bacterial cleanser; applying a small amount of a composition to said area, said composition comprising a base in an amount between about 25 and 60 weight percent; calamine in an amount between about 8 and 20 weight percent; an anti-oxidant in an amount between about 0.5 and 3 weight percent and an herbal anti-bacterial product in an amount between about 0.25 and 4 weight percent.
19. The method of claim 18, wherein said base comprises water and a diluent; said anti-oxidant is selected from the group consisting of **ascorbic** acid, tocopherol and beta-carotene; and said herbal anti-bacterial product is selected from the group consisting of golden seal extract, tea tree oil, echinacea, garlic, pau d'arco and red clover.
20. The method of claim 19, wherein said composition further includes an astringent in an amount between about 1 and 12 weight percent and selected from the group consisting of witch hazel and alpha hydroxy acids.

an

ACCESSION NUMBER: 1999:18734 USPATFULL  
TITLE: Skin treatment composition  
INVENTOR(S): Oliver, Benjamin, 811 Flushing Ave. Apt. 15-E, Bklyn.,  
NY, United States 11206

NUMBER

DATE

5869062